

SYSTEM AND METHOD FOR DISCOVERING AVAILABLE NETWORK COMPONENTS

ABSTRACT OF THE INVENTION

5 A system and method are provided for building a graphical user interface (GUI), in real-time, to depict the availability of known network-connected devices. Upon startup, the GUI represents each network connected element as unavailable. Then, each network element is queried. As communications are established with each
10 network device, the GUI is modified to show that particular device as available. Thus, the GUI quickly changes from the initial state, to one where available devices are depicted. If communications cannot be established with a network element, the GUI representation of the device as unavailable is maintained. Thus, the GUI is initialized and
15 modified independent of any timeouts associated with a failed network device communication.